

Relationship Between Coercive Force of Soft Magnetic Materials and Thickness of Sheet, ~~EP~~ by V. A. Zaikova, Ya. Shur.

RUSSIAN, thrice-mo par, Dok Ak Nauk SSSR, Vol XCIV, No 4, 1954, pp 663-665.

Brutcher Tr No 3333

Scientific - Min/Metals

Dec 54 CRS/DMX

14,732-

\$2.20

The Isotopic Composition of Potassium From
Meteorites, by G. R. Rik, Yu. A. Shokolyukov

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 4, 1954, pp 667-669.

AT 3952
Def Sci Info Sv
DRB, Canada, T 167R

Scientific - Geophysics 33, 447

<p>Shifrin, K. S. THE THEORY OF RADIATIONAL PROPERTIES OF CLOUDS (CONTRIBUTION) (K Teori Radiatsionnykh Svoystv Oblakov) tr. by George S. Mitchell and David Q. Wark. May 59 [7]p. 4 refs. Order from OTS or SLA \$1.10 61-13819</p> <p>Trans. of Akademiya Nauk SSSR. Doklady, 1954, v. 94, no. 4, p. 673-676.</p> <p>DESCRIPTORS: *Clouds, Thermal radiation, Theory. A theoretical analysis is presented of the spectral properties of clouds in the long-wave region.</p> <p>(Earth Sciences--Meteorology, TT, v. 6, no. 1)</p>	<p>61-13819 I. Shifrin, K. S. II. Weather Bureau, Washington, D. C. III. 61-15084 canceled</p> <p>161683</p> <p>Office of Technical Services</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------

Diffusion of Cobalt, Chromium, and Tungsten in Iron and Steel, by P. L. Gruzin. UNCLASSIFIED.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 63 XCV, No 4, 1954,
pp 681-684.

Brutcher Tr No 3331

Scientific - Min/Metals

17, 358

Nature of Rupture During Plastic Deformation of
Metals, by S. I. Gubkin, L. A. Rapoport,
(AF-620014) UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk, SSSR, Vol XCIV,
No 4, 1954, pp 685-688.

26788

ATIC F TS-8501/V

Sc. M. L. D. 30.

Scientific - Min/Metals

Sep 55 CTS/DEX

443

Superheating of Solids in Vacuo, by D. S.
Bennetashvily, I. B. Piletskaya

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,
No 4, 1954, pp 689-691. ^V

Brutcher Tr 3319

Scientific - Minerals/Metals
Jul 073/02X

Price \$2.40

15,964

Influence of Elements Forming Sparingly Soluble
Carbides Upon the Decomposition of Austenite, by L. I.
Kogan, R. I. Entin

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. IV, No 4
1954, pp 693-696.

Bratcher Tr 3318

15977

Scientific - Minerals/Metals

Jul CTS/DEX

3

Price \$5.40

The Reaction of Alkylacetoxysilanes With Alcohols
by K. A. Andryanov, AA. Zhdanov, A.A . Bogdanova .

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 4, 1954, pp 697-699.

Assoc Tech Sv RJ 280
PO Box 271
East Orange, NJ

Scientific - Chemistry

31, 211

Feb 56

Investigation of the Physical Structure of Synthetic Polyamides by Infrared Absorption Spectra, by D. N. Shigorin, N. V. Mikhaylov, S. P. Makar'eva, 11 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,
No 4, 1954, pp 717-720.

NLL M.2881
CIA/FDD/X-1609
22,837

Scientific - Chemistry Apr 55 CRS

Used of Tagged Atom Method in Study of the Stability
of Dusts of Phosphorus-Organic Insecticides, by
K. A. Gar, N. N. Mel'nikov, Ya. A. Mandel'baum, V. L.
Chernetsova, K. D. Shvetsova-Shilovskaya.

thrice-mo

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIV, No 4,
1 Feb 1954, pp 729-732. CIA 9012865

USDA
JLA R-1817
53,798

Sci - Biol

Oct 58

The Possible Cause of the Disturbed Solar-Diurnal
Variation of the Earth's Magnetic Field, by B. Ye.
Bryunelli, 17 pp.

5

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIV, No 5,
1954, pp 741-743.

ATIC P-T8-8970/V

Sci - Geophysics

46, 480

Apr 57 CTS

On the Functional Separability of Boolean
Functions, by G. N. Povarov, 5 pp.

RUSSIAN, per, Dok Akad Nauk SSSR,
Vol XCIV, No 5, 1954, pp 301-303.

MDP P-116
9093058

Sci
Nov 61

173.321

Table of Contents, 5 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 5, 11 Feb 1954, Encl to Rpt No IR-1305-54.

AF 623779

USSR
Scientific

CIA-D-50335

"Schroedinger Form" for Relativistically Invariant
Equations, by Yu A. Yappa, 9 pp.

RUSSIAN, per, Dok Ak Nauk, Vol XCIV, No 5, 1953.
CIA D-448647.

OIN-10436

32,916

USSR
Scientific - Mathematical Physics

Apr 56

on the Functional Separability of Boolean
functions, by G. N. Povarov, 4 pp.

SSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,
5, 1954, pp 801-803.

1 - phys
1 161

MIC P-116
OTS - 62 - 16089
161,394

Realization of Linear Functions in the Class of
JT Circuits (Series-Parallel), by S. V.
Yablonskiy, 3 pp.

RUSSIAN, per Dok Ak Nauk BSSR, Vol XCIV, No 5,
1954, pp 804-806. 909 A 946
5

MDF I-101

Sci - Electron
Jul 61

161, 4/16

Types of Flow of Gas/Liquid Mixtures in Horizontal
Pipes, by M. A. Mologin, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 5, 1954, pp 807-810.

Sci Mus Lib No 55/1240
A.E.R.E. Lib/Tr 479.

Sci - Physics
CTS 71/Aug 1955

25,742

Calcium Emission in the Solar Corona, by M. N.
Gnevyshev, by R. S. Gnevysheva, \$ 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIV, No 5,
1954, pp 811-812.

Def Sci Info Soc
T 134 R
AROC - 7-13 DDC
77,178

Scientific - Astronomy

2524790
CIA 2524790

Vartanyan, A. T.
THE EFFECT OF HYDROGEN ON THE PHOTOCONDUCTIVITY OF SOLID DYE FILMS. [1964] [10p]
Srefs
Order from OTS, SLA, or ETC \$1.10 TT-64-10408

Trans. of Akademiya Nauk SSSR, Doklady, 1954, v. 94,
no. 5, p. 829-832.

Sci Mu Lib No 54/2914

(Chemistry--Physical, TT, v. 12, no. 1)

TT-64-10408

I. Vartanyan, A. T.

Office of Technical Services

Study of Paramagnetism of Some Ferrites, by
F. Gal'perin et al

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 1, 1954, pp 833-834.

5

Bratcher Tr 3312

Scientific - Minerals/Metals
Jul CRS/DCR

Price \$1.85

15,965

The Magnetic Field of Stationary Currents Flowing Within Cavities or Channels in Iron of a Permeability Which May Be Taken as Infinitely Great, by G. A. Grinberg.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIV,
No 5, 1954, pp 839-842.

Def Sci Info Sv
DRB T.144.R

Physics
Magnetronics
Scientific - Engineering

Feb 55 CTS/DEX

2/196

Nuclear Disintegration by a Heavy Meson, by Yu. G.
Detyarev, et al, 3 pp.

XCV

RUSSIAN, thrice-mo per, Zek Ak Nauk SSSR, Vol 94,
No 5, Moscow, 1954, pp 843-844. CIA D270077.

Assoc Tech Sv.
RJ 242

\$1.00

USSR

Sci - Physics

Aug 55

26,094

Conditions Conducive to Maximum Concentrations
of Ultrasound, by L. D. Rozenberg,

RUSSIAN, Dok Ak Nauk SSSR, Vol XCIV, No 5,
1954, pp 845-848,

Breitbar Tr No 3416
#2.85 23,606

Scientific - Physics May 55 CTS

S-2716

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, 1954,
pp 883-885.

Kinetics of Catalytic Cracking of Geometrical Isomers of Decalin, by G. M. Panchenkov,
V. V. Krasivichev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, 1954, pp 891-893. 9076 67

Assoc Tech Sv RJ-228
\$4.80

Scientific - Chemistry
CIS 73/Oct 1955

27,494

Composition of Products of Thermal Decomposition
of Unsaturated Hydrocarbons, by V. V. Voevodskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, 1954, pp 909-912.

Assoc Tech Sv RJ-222
\$8.00

Scientific - Chemistry
CTS 73/Oct 1955

27,503

Application of Sorption Method to the Study of the Interaction of Zirconium Oxide With the ~~oxides~~ Oxides of Calcium and Magnesium, by E. N. Nikitin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 5,
1954, pp 919-921. CIA 9217803

26,763

NLLM 4575

Scien

~~Scientific - Chemistry~~

A/E/R/E/ Harwell Tr 466

Sep 55 CIS

Shatensht^{en}, A. I. and Izrailevich, E. A.
THE RECIPROCAL INFLUENCE OF ATOMS IN MOLECULES OF SOME AROMATICS ACCORDING TO EXPERIMENTS WITH HYDROGEN ISOTOPE EXCHANGE.
8p. 4 refs. MTWL: 743.
Order from OTS or ETC \$1.55 61-17273
Trans. of Akademiya Nauk SSSR. Doklady, 1954,
v. 94, no. 5, p. 923-926.

DESCRIPTORS: *Exchange reactions deuterium,
*Chemical bonds, *Benzene.

61-17273

I. Shatensht^{en}, A. I.
II. Izrailevich, E. A.
III. MTWL-743
IV. Stichting Moeilijk
Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

Table of Contents, 6 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 21 Feb 1954, Encl to Rpt No IR-1305-54.

AF 623779

USSR
Scientific

CIA-D-50335

Formation and Accumulation of Antibiotic
Substances in Soil, by N. A. Krasil'nikov.
RUSSIAN, per, Dokl. Akad. Nauk, Vol 94,
1954, pp 957-960.
GB/25

Sci -
Aug 67

335,214

Akhmerov, A. Kh.
THE PARASITE FAUNA AND THE SPECIES RELA-
TIONSHIPS OF THE KAMCHATKA AZABACH,
ONCORHYNCHUS NERKA INFRASP. ASABATCH BERG
1932 (O Parazitofaune i Vidovoy Prinadlezhnosti
Kamchatskogo Azabacha Oncorhynchus Nerka Infrasp.
Asabatch, Berg, 1932) tr. by W. E. Ricker. 1960 [5]p.
2 refs. FRBC Trans. Series no. 283.
Order from NRCC m\$1.00, ph\$1.50 NRCC C-3623

Trans. of Akademiya Nauk SSSR. Doklady, 1954,
v. 94, no. 5, p. 969-971.

DESCRIPTORS: *Salmon, *Parasites.

Dent Hst
430 C273
(Biological Sciences--Zoology, TT, v. 6, no. 1)

61-22471

- I. Akhmerov, A. Kh.
- II. FRBC Trans-283
- III. NRCC C-3623
- IV. Fisheries Research
Board of Canada

161885

Office of Technical Services

[REDACTED]

On Finding Eigenvalues by the Method of Nets,
by V. K. Saul'ev.
RUSSIAN, per, AN SSSR, Doklady, Vol 94,
No 6, 1954, pp 1003-1006.
Dept of Navy APL/JNU CLB-3 T558

Sci/Math

The Principles of the Chemistry of Enzymes and
Antimetabolites From the Standpoint of the Theory of
Catalysis, by A. A. Balandin. ~~UNCLASSIFIED~~

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
1957, pp 1008-1011.

*AEC UCRL Tr 376

Sci - Chem
Feb 58

Shapes of the Cavitation Region on a Transverse
Foil in a Normally Incident Stream, by K. K.
Shal'nev.

RUSSIAN, per, Dok Ak Nauk, Vol 94, No 6, 1954,
pp 1017-1022. CIA DL77065

Def Sci Info Sv
DRB T.152.R

RT-2393

AEC 2096

Sub 55

21,204

The Nature of the [Radio and Optical] Emission
From the Crab Nebula, by V. A. Dombrovskiy,
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 6, 1954, pp 1021-1024.

AR DC - X-6 DOC Def Sci Info Sv,
DRB, Canada
T 141 R
RT-1860
Scientific - Astronomy CTS/DEX

CIA D 93810 13,775

Highly Monochromatic Dispersion Light Filters, by
F. A. Korolev, A. Yu. Klement'eva, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 1954, pp 1025-1027.

CIA/FDD/X-1576

USSR

Scientific - Physics

21,997

XXXXXX
CRS 66/ Mar 1955

Spectrum of Bremsstrahlung in a Medium, by
M. L. Ter-Mikayelian.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 6, 1954, pp 1033-1036.

Def Sci Info Sv,
DRB, Canada
T 140 R

Scientific - Astronomy

CIS/DEX

13,774

The Distribution Function of Cloud and Raindrops
by Sizes, by L. M. Levin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 6,
1954, pp 1045-1048.

Assoc Tech Serv - R3-1233
Sci Mus Lib 58/13/26

Sci - Geophys

Jul 58

67,172

Diffusion of Silver n Alloys of Iron and Palladium
and Internal Adsorption of Palladium in Iron, by
V. I. Arkharov, B. A. Yunikov.

GOVERNMENT USE ONLY

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 94, 1954,
pp 1057-1060.

CIA X-6627

June 68

357,157

Concerning the Diffusion of Ag in Fe Alloys
with Pd and Concerning the Intergranular
Absorption of Pd in Iron, by V.I. Arkharov
et al.

RUSSIAN, per, Doklady Akad. Nauk SSSR,
Vol. 94, no. 6, 1954, pp. 1057-1060.

*CFSTI TT 70-57070

Sci/phys
Feb 70

Hardness of Gamma Solid Solution in the Iron-Carbon System at High Temperature, by K. A. Osipov, E. M. Miroshkina,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 6, 1954, pp 1063-1067,

Bratcher Tr No 3332

13,737

Scientific - Min/Metals

On the Synthesis of Multi-Terminal Switching Networks, by G. N. Povarov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 6,
1954, pp 1075-1078.

SLA 62-33209
MDF P-122

Sci - phys
Jul 61

161, 393-

The Thermal Stability of Calcium Sulpho-Aluminate, by T. Yu. Lyubimova. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 1954, pp 1101-1104.

DSIR LIU M.1305

(loan)

Sci - Phys; Chem
Apr 60

112, 662

Composition of Photographically Active Particles
Separated By Metals During Atmospheric
Corrosion, by I. L. Roykh, 8 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 1954, pp III7-III20.

CIA/FDD/X-1607

22,843

Scientific - Chemistry Apr 55 CTS

The Role of Quenching in the Reactions of Oxidation
and Decomposition of Methane at High Temperatures and
Extremely High Pressures, by Yu. N. Ryabinin, A. M.
Markovich, I. I. Tamm, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 1954, pp 1120-1124.

36,112
Sci Tr Center RT-3681
ATS RJ-833

Scientific - Chemistry

ATS 3J16R

Jun 56/dex

Isolation of Chlorogenic Acid From Eucommia Leaves
and its Determination, by A. R. Guseva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 84 XCIV, 1954,
pp 1137-1139.

SLA Tr R-1303

Sci

Jun 58

65-817

Electrolysis of Liquid Iron Containing Slags, by
O. A. Esin, P. M. Shurygin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 6,
1954, pp 1145-1147.

*PL-480
OTS 63-11096
PST-982

Sci

Dec 62

~~Antagonist~~ Microbes and Antibiotic Substances as
Factors in Resistance of Plants Against Infections,
by N. A. Krasil'nikov, 9 pp.

RUSSIAN, ~~shrisce-mo per, Dok Ak Nauk SSSR, Vol XCIV,~~
~~No 6, 1954, pp 1177-1180.~~

Sci Tr Center RT 4337

Scientific - Biology
Dec 56 CIS

42, 139

New Data on the Geographical Distribution
of Cephaloped Molluses in the far Eastern
Waters, by I. I. Akimusakin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No
6, pp 1181-1184. 1954
Minis of Def T No 3372
DSTI/D154(S)a
London

USSR
Geog
Apr 66 298,564

Utilization of Tagged Atoms in Studying the Resistance
of Eurygaster Integriceps to Two Organic Phosphate
Insecticides and Method of Studying Their Penetration
Into the Plant, by K. A. Gar, et al. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, 1954,
pp 1189-1192.

20, 166 USDA

Scientific - Biology, Chemistry Dec 54 CTS

Table of Contents, 5 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 1, 1 Mar 1954, Encl to Rpt No IR-1305-54.

AF 623779

USSR
Scientific

CIA-D-50335

Polarization of Light in Nebulae M 20 and
M 8, by D. A. Rozhkovskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, 1954, pp 37-39.

ARC
X-41-PPC

Def Sci Info Sv,
DRB, Canada
T 141 R

Scientific - Astronomy CTS/DEX

13,776 CIA D 93810

On the Theory Anomalous Skin Effect in a Magnetic Field, by M. Ya. Azbel', M. I. Kaganov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, USSR, 1954, p 41-44 —

Morris D. Friedman K-100
\$3.00

Scientific - Physics CRS 67/Apr 55

22, 984

Class HEC 2202

On the Maximum Coefficient of Directed Action
of Linear and Plane Antennas, by L. D.
Bakhraev, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, 1954, p 45.

Morris D. Friedman

IS&R
Scientific - Physics

OTS 65/Feb 55

21,300

The Theory of Measurement of and in Semi-conducting Ferromagnetics, by K. M. Polivanov,
4 pp, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 1,
1954, pp 61-64.

S.H.A.
MAY 1954
R-877

Navy Tr 1126/MRL 506

Scientific - Physics Mar 55 GTS

22,147

X-Ray Analysis of the Structure of Metal Cuttings, by S. I. Gubkin, L. T. Mendeleyev,
3 pp,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, 1954, pp 73-75.

Bufiled 3311-42115
Sci Mem Lbl No 54/3674

Scientific - Min/Metals Mar 55 CIS

21,950

Catalytic Transformations of n-Heptane and
n-Octane in the Presence of Platinized
Carbon, by B. A. Knzanskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
~~XXXXXX~~ Vol XCV, 1954, pp 77-80.

Assoc Tech Sv RJ-227
\$8.00

Scientific - Chemistry
CIS 73/Oct 1955

27,489

Volumetric Determination of Aldehydes and Ketones
by Means of Phenylhydrazine, by A. P. Terent'ev,
K. S. Zabrodina.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, 1954, pp 85-87.

Assoc Tech Sv RJ-200
\$4.00

Scientific - Chemistry
CTS 73/Oct 1955

27, 338

Mechanism of Action of Silicon Upon
Graphitization of Iron Alloys, by K. P.
Bumir.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, 1954, pp 97-100.

Brutcher Tr
No 3353
#2.80
Scientific - Minerals/Metals CTB/DEK

19,518

+

Carbon Exchange Between Hydrocarbons in the
Presence of a Silica-Alumina Catalyst, by
B. V. Klimenok.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, 1954, pp 101-103.

Assoc Tech Sv RJ-204
\$5.20

Scientific - Chemistry
CTS 73/Oct 1955

27,469

Mechanism of Electrodeposition of Chromium,
by A. I. Levin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, 1954, pp 105-108.

Brutcher Tr No 3315
\$3.80

Scientific - Minerals/Metals
Electricity CTS 65/Feb 55

21,083

Determination of the Crystalline State and the
Melting Points of Polyethylene by Their Infrared
Thump Absorption Spectra, by V. I. Nikitin,
E. I. Pokrovskiy, 5 pp,

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 1, 1954, pp 109-110.

CIA/RDP/X-1605

22,841

Scientific - Chemistry A-55 CTS ATS-RJ216

Formation of Nitric Oxide in the Adiabatic Compression
of Air Mixtures, by Yu. N. Ryabinin, A. M. Markevich,
I. I. Tamm. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 1, 1954, pp 111-113.

ATIC F-TS-8348

Scientific - Chemistry Dec 54 GTS/DEX

20,316

Change of Nucleinic Acids During the
Process of Fertilization of Peas, by
O. A. Vasileva, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV,
1954, pp 163-166.

AT 2139

USDA

20,176

Scientific - *Biology*

Dec 54 CBS

Influence of Variable Soil Moisture on the
Formation ~~EX~~ of the Yield of Tobacco Plants
in Connection With Their Passage Through the
Development Stages, by N. Volodarskiy,
I. Bykovskaya.

RUSSIAN, par, Dok Ak Nauk SSSR,
Vol XCV, No 1, 1954, pp 187-190.

OTS 62-10747
CSIRO 3813

192,086

Sci - BiKhol
Apr 62

Table of Contents, 5 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 2, 11 Mar 1954, Encl to Rpt No IR-1305-54.

AF 623779

USSR
Scientific

CIA-D-50335

Resistance of Metals to Cavitation Corrosion in Fresh Water and Sea Water, by K. K. Shal'nev.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCV,
No 2, 1954, pp 229-232. CIA 0117064

Def Sci Info Sv
DRB T.153.R.

Geophysics

Scientific - ENGLISH - Feb 55 CTS/DEX

21,205

.....
Study of the Elastic-Volumetric Changes in the Nerve on Stimulation by the Interference Method,
by L. P. Kalushin, G. V.
RUSSIAN, per, Doc At Name, SSSR, Vol XCV, No 1,
1954, pp 253-255. (9024776)
NIH 4-2-64

Sci - Biol & Med
Jul 64

262-162

NIH 12-30

An Application of the Method of
Isotope Exchange to the Study of the
Structure of Aquopoly and Heteropoly
Compounds, by V. I. Spitsyn,
E. A. Torchennkova.

RUSSIAN, per, Dok Ak Nauk SSSR,

Vol XCV, 1954, pp 289-292.

*AEC IS-Trans-29

EDC Jan 13, 1966

Sci - Phys
Jan 66

Adsorption of Impurities on Aluminium Crystal
Boundaries, by I. E. Bolotov, Yu. D. Kozmanov,
3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol ~~XCVI~~, 1954, pp 293-295.
XCV

Sci Mus Lib No 56/0858

Sci - Chemistry, min/metals 39, 342

Hydrogen Isotope Exchange in Hydrocarbons in Liquid
Deuterium Fluoride, by Ya. M. Vashavskiy,
6 pp,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No. 4
1954, pp 297-299.

OTS-61-17274

23,562 AEC Tr No 2113

May 55 OTS

Scientific - Nuclear Physics, Chemistry

Oxidation of Iron in Water Vapor, Hydrogen-Water Vapor and Oxygen-Water Vapor Mixtures at High Temperatures, by V. I. Tikhomirov, V. V. Ipat'ev, I. A. Gofman, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XIV,
No 2, 1954, pp 305-308.

OTS 62-11208

✓ Morris D. Friedman T-114
\$3.00

41,480

Sci - Physics
Dec 56 CMS

Enzyme Systems of Mycorrhizal Fungi, by
B. A. Rubin, N. V. Obrucheva, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 2,
1954, pp 337-340.
OTS 643k-11006
PL-480

Sci - Biol & Med Sci
Jun 64

260,400

Boundary Value Problems for Equation
 $\epsilon y'' = f(x, y, y')$ For Small Values of ϵ ,
by N. I. Brish.
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XCV,
No 3, 1954, pp 429-432.
NASA TT F-10,839

Sci ~ Math Sci
May 67

324,173

On a Boundary Problem for Equations of Mixed Type,
by V. G. Karmanov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 3, 1954, pp 439-442.

Morris Friedman K-106

Scientific - Mathematics

CTS 64/Jan 55

20,908

The Cauchy Problem for Nonlinear Equations in a
Class of Discontinuous Functions, by O. A. Oleinik,
6 p.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol
XCV, 1954, pp 451-454.

Am Math Soc
Vol XLII, Ser 2

Sci-Math
Jun 66

302,692

The Mass of the Sun in the Era of Planet Formation, by V. Krat, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV,
No 3, 1954, pp 481-484.

ATIC MCL-77/III

Sci - Astron, Geophys

Aug 60

123,874

A Gyrotropic Wave Guide, by M. A. Ginzburg, 4 pp.
UNCLASSIFIED

thrice-mo
RUSSIAN, /per, Dok Ak Nauk SSSR, Vol XCV, No 3,
1954, pp 489-492.

Navy Tr 1097/HRL 497

Scientific - Physics

Dec 54 CTS/DEX

20, 443

Reactions Induced by π^+ Mesons in Hydrogen,
by Y. B. Zel'govich, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, 1954, pp 493-. 496

NEC/NCR L 271
CIA/FDD X-2719
58,567

Sci - Nuclear Physics
Feb 58

A New Effect Caused by Gyromagnetic Phenomena, by
K. M. Polivanov, 3 pp. UNCLASSIFIED
thrice-mo
RUSSIAN, /per, Dok Ak Nauk, SSSR, Vol XCV, No 3, 1954
pp 501-503.

20, 444 Navy Tr 1098/NRL 498

Scientific - Physics Dec 54 CTS/DEX

Effect of Light Background on Sharpness of Color Discrimination, by G. N. Rautian, V. P. Solov'eva, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 3, 1954, pp 513-516.

CIA/PDD/X-1568

USSR

Scientific - Physics

21, 989

CTS 66/Mar 1955

Investigation of Thin Silver Films by Electron Diffraction Patterns, by A. I. Bublik, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 3, 1954, pp 521-523.

CIA/FDO/X-1570

USSR

Scientific - Physics

21,991

CTS 66/Mar 1955

Russia to French
1 OTS TT-62-26660

Artificial Stabilization of the Quartz Lattice,
by E. V. Tsinzerling, 6 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol XCV,
No 3, 1954, pp 529, 530.

SLA Tr R-994

Sci - Chemistry
Mar 58

60,004

V
Application X of the Radiochromatographic Method
to the Study of the Dynamics of Exchange Adsorption
of Phosphate Ions on Inorganic Adsorbents, by E. N.
Gapon,

Vol XCV,
Russian, thrice-mo per, Dok Ak Nauk SSSR, No. 3, 195
pp 567-570.

Assoc Tech Sv
EXX RJ-407

Sci - Chemistry

Aug 1956

36,955- 55,80

-4982-

Caloric and Thermal Properties of Non-Natural
Rubber in Ordered and Unordered States, by
M. B. I. Gengrinovich, 8 pp,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 3,
1954, pp 571-574.

NLL m.2882
CIA/FDD/X-1626 23,655

Scientific - Chemistry
S

May 55 CTS

Creep of Single Crystals of Tin, by E. P.
Zakoshchikova, 3 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 3, 1954, pp 575-577.

(KEM-Tin R-8-555(445))

Navy Tr 1100/NRL 502

(AEI TR 844 (RS/)
TH/58))

Scientific - Chemistry

Dec 54 CTS/DEX

201455

Effect of Low-Molecular-Weight Compounds on the
Deformation of Nitrocellulose Over a Wide Range
of Temperatures, by P. V. Kozlov, E. F. Rosskova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, 1954,
pp 583-586.

Sci -
Apr 61

72-5428
*PL 480
Foreign Sv

Thixotropy and Methods for Its Evaluation In
Viscoelastic Colloidal Systems, by
A. A. Trapeznikov, V. A. Fedotova, 10 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 3,
1954, pp 595-598.

NLL M.2293

CIA/PDD/X-1622

SLA 60-13758 23,658

Scientific - Chemistry

May 55 CBS